

Having disclosed the invention, what is claimed for Letters Patent follows:

1. A heated inflatable air bed comprising:

- a top vinyl layer having a peripheral edge;
- a bottom vinyl layer having a peripheral edge;
- a side gusset vinyl layer having a top and bottom peripheral edge;

- a blanket containing a heating element, the blanket having a vinyl strip attached to a peripheral edge, the vinyl strip heat welded to the top vinyl layer;

- the peripheral edge of the top vinyl layer heat welded to the top peripheral edge of the side gusset vinyl layer;

- the peripheral edge of the bottom vinyl layer heat welded to the bottom peripheral edge of the side gusset vinyl layer;

- a means for blowing air into the air bed penetrating a portion of the vinyl layers;

- an electrical conduit connectable to a source of electric current at one end and connected at a second end to the heating element;

- means between the top and bottom vinyl layers for supporting the air bed when inflated.

2. The heated inflatable air bed according to claim 1 wherein the vinyl strip is attached to the blanket by stitching.

3. The heated inflatable air bed according to claim 1 wherein the electrical conduit is connected in series to a rheostat.
4. The heated inflatable air bed according to claim 1 wherein the means for supporting the top and bottom vinyl layers are multiple coils positioned between the top and bottom vinyl layers.
5. The heated inflatable air bed according to claim 1 wherein the bottom vinyl layer is heat welded to a top vinyl layer of a second air bed.
6. A heated inflatable air mattress comprising:
  - a top vinyl layer heat welded along a peripheral edge to a top edge of a vinyl side gusset;
  - a bottom vinyl layer heat welded along a peripheral edge to a bottom edge of the vinyl side gusset;
  - a heating element imbedded in a blanket, the blanket having a vinyl strip attached to a peripheral edge, the vinyl strip heat welded to the top vinyl layer;
  - a means for inserting air into the air mattress penetrating a portion of one vinyl layer;
  - an electrical conduit connectable to a source of electric current at one end and connected at a second end to the heating element; and
  - a means for supporting the air mattress when inflated.
7. The heated inflatable air mattress according to claim 6

wherein the vinyl strip is stitched to the peripheral edge of the blanket.

8. The heated inflatable air mattress according to claim 6 wherein the electrical conduit is connected to a rheostat at one end and at a second end to the heating element.

9. The heated inflatable air mattress according to claim 6 wherein a vinyl flock covers the blanket.

10. The heated inflatable air mattress according to claim 9 wherein a peripheral edge of the vinyl flock is heat welded to the top vinyl layer.

11. The heated inflatable air mattress according to claim 10 wherein the peripheral edge of the vinyl flock is heat welded to the top vinyl layer outboard of where the vinyl strip edge is heat welded to the top vinyl layer.

12. The heated inflatable air mattress according to claim 6 wherein the means for blowing air into the air mattress is an electrical powered air blower.

13. The heated inflatable air mattress according to claim 12 wherein the air blower is electrically powered by batteries.

14. The heated inflatable air mattress according to claim 6 wherein the means for supporting the air mattress when inflated are multiple coils positioned between the top and bottom vinyl layers.

15. The heated inflatable air mattress according to claim 6 wherein the air mattress is attached over a second air mattress

by welding the air mattress bottom vinyl layer to a top vinyl layer of the second air mattress.

16. A method of constructing an air bed comprising:

providing a top and a bottom vinyl layer having a peripheral edge;

providing a gusset vinyl layer having a top and bottom peripheral edge;

heat welding the top peripheral edge of the gusset vinyl layer to the peripheral edge of the top vinyl layer;

heat welding the bottom peripheral edge of the gusset vinyl layer to the peripheral edge of the bottom vinyl layer to enclose an air chamber;

providing a blanket with internal electrical heating elements, the blanket having a peripheral edge;

stitching a first side of a vinyl strip to the peripheral edge of the blanket;

heat welding a second side of the vinyl strip to the top vinyl layer;

providing an electrical conduit and connecting the conduit at a first end to the heating elements and at a second end to a source of electricity;

providing a means for supporting the air bed, when inflated, between the top and bottom vinyl layers; and

providing a means for conducting air to and from the air chamber.

17. The method according to claim 16 wherein an air bed mattress is heat sealed to the bottom vinyl layer of the heated inflatable air bed.
18. The method according to claim 16 wherein a vinyl flock layer is applied over the blanket, the flock layer having a peripheral edge heat sealed to the top vinyl layer.
19. The method according to claim 16 wherein an electrically operated air blower pumps air into the air chamber.
20. The method according to claim 16 wherein collapsible multiple vinyl pillars form coils for supporting the air bed when inflated.